

DT15 Rec'd PCT/PTO 25 FEB 2005

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# **INFORMATION DISCLOSURE STATEMENT TRANSMITTAL**

To Commissioner For Patents

Enclosed herewith is a Form PTO-1449, any required copies of documents listed thereon, and any concise explanation of their relevance is indicated below per 37 CFR 1.97.

Application Number	10/525597
Filing Date	
First Named Inventor	Nevio Benvenuto
Group Art Unit	
Examiner Name	
Attorney Docket Number	IT02 0025 US

☒ Please charge any required fee under §1.17(i) or §1.17(p) or any other required fee (except the issue fee) to Account No. 14-1270.

1. ☐ I certify that these documents were first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three (3) months ago.

2. ☒ I certify that none of these documents were cited in any communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, none of these documents was known to any individual designated in §1.56(c) more than three (3) months ago.

☐ Applicant hereby petitions under §1.97(d) that this IDS be considered after final Action or Notice of Allowance, pays the fee under §1.17(p) as indicated below, and I certify 1. or 2. as indicated above.

☐ A fee under §1.17(p) is not required under §1.97(c), after the first Action on the merits and more than (3) months after the date of application or RCE, because I certify 1. or 2. as indicated above.

☐ A copy of the citations is not required because they were previously submitted or cited in the parent application (or in U.S. patent application Ser. No. \_\_\_\_\_ Filing Date \_\_\_\_\_ relied on for an earlier effective filing date under 35 U.S.C. 120).

☒ A copy of the U.S. patent(s) and patent application publication(s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.

☐ A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).

The concise explanation of the relevance of any non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:

☐ cited in the specification or considered in drafting the specification of this application;

☐ previously submitted or cited in the parent application (or in a related patent application Ser. No. \_\_\_\_\_ Filing Date: \_\_\_\_\_);

☒ cited as an "X" or "Y" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed.

## **SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

Name (Print Type)	Peter Zawilski, Reg. No. 43,305		
Signature	<i>Peter Zawilski</i>	Date	25-FEB-2005

## **CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, P.O. BOX 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office on the date below:

Name (Print Type)	Daniel L. Michalek		
Signature	<i>[Signature]</i>	Date	2/25/05

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Nevio Benvenuto                      Docket No.: IT02 0025 US  
PTO Application No.:      Conf.:                      Art Unit:  
Date Filed:                      Examiner:  
Title: Frequency-domain equalization for single carrier signals  
  
Mail Stop DD  
Commissioner for Patents  
P.O. Box 1450, Alexandria, VA 22313-1450

**TRANSMITTAL OF  
INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.97**

Sir:

Enclosed in this transmittal is an "Information Disclosure Statement by Applicant" and a copy of each of the documents listed thereon. These documents are considered to be relevant in that they have been cited as an "X" or "Y" document in a foreign Patent Office search report on a foreign counterpart application, a copy of which report is also enclosed.

☐ I hereby certify that these documents were cited in said search report not more than three (3) months prior to the filing of this information disclosure statement.

This disclosure is not an admission that any of these documents is material to or even prior art with respect to the above-referenced application.

The Commissioner is hereby requested and authorized pursuant to 37 CFR §1.136(a)(3), to treat any concurrent or future reply in this application requiring a petition for extension of time for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. Please charge any additional fees which may now or in the future be required in this application, including extension of time fees, but excluding the issue fee unless explicitly requested to do so, and credit any overpayment, to Deposit Account No. 14-1270.

Date: 25-FEB-2005

Respectfully submitted,

USPTO Customer Number  
**24738**

By Peter Zawilski  
Peter Zawilski, Reg. No. 43,305  
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<b>CERTIFICATE OF MAILING</b>	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on the date indicated below.	
(Date) <u>2/25/05</u>	(Signature) <u>[Signature]</u>
	(Name) Daniel L. Michalek

DT15 Rec'd FGT/PTD 2.5 FEB 2005

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	<b>Application Number</b>	<b>10/525597</b>
	<b>Filing Date</b>	
	<b>First Named Inventor</b>	Nevio Benvenuto
	<b>Art Unit</b>	
	<b>Examiner Name</b>	
	<b>Attorney Docket Number</b>	<b>IT02 0025 US</b>

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number No.-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns Lines, Where Relevant Passages or Relevant Figures Appear
		US- 2002/070796	06-13-2002	GAY-BELLILE OLIVIER ET AL	
		US- 6 052 702	04-18-2000	PALICOT JACQUES ET AL	
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number (ctry <sup>3</sup> -no. <sup>4</sup> -kind <sup>5</sup> , if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of cited document	Pages, Columns Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in capital letters), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
		BENVENUTO N ET AL. "BLOCK ITERATIVE DFE FOR SINGLE CARRIER MODULATION" ELECTRONICS LETTERS, IEE STEVENAGE, GB, VOL. 38, NO. 19, 12 SEPTEMBER 2002	

<b>Examiner Signature</b>		<b>Date Considered</b>	
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.